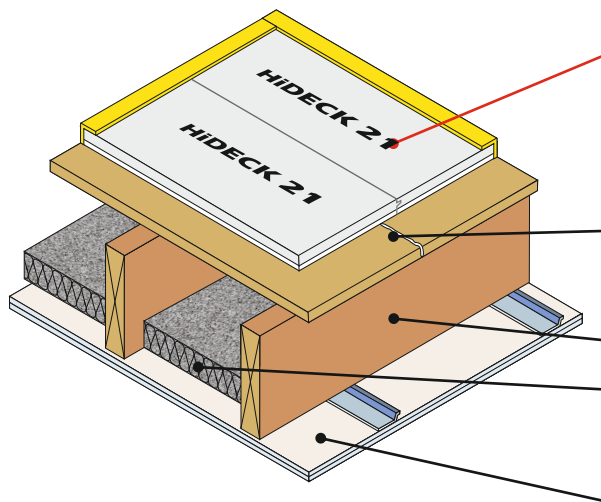


Structural separating floor - Timber (existing)

PCT solution

Existing timber joists
Acoustic treatment laid on sub-floor
Ceiling on resilient bars



Floating floor treatment options **HiDECK 21**
(See *Table TF17* for full details)

Floor decking 15mm thick (min) OSB or existing floor boards (with all gaps sealed with suitable flexible mastic)

Joists Solid timber joists

Absorbing material

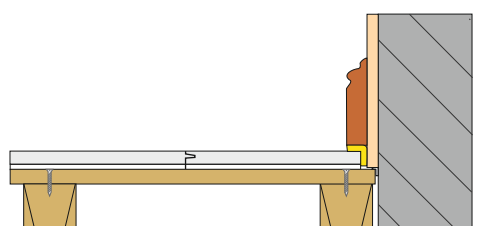
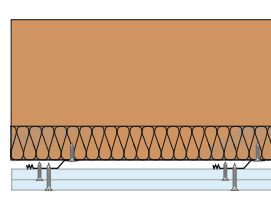
- 50mm **FIBREfon MICRO 50**
- 100mm (min) mineral wool insulation (45kg/m³) between joists

Ceiling See *Table TF17* for ceiling treatment



FASTRACKCAD
ARCHITECTURAL CAD DATABASES

Table TF17

PCT floating floor treatment options	Perimeter resilient flanking strip required	Ceiling treatment
<p>HiDECK[®] 21 High density dry screed acoustic overlay board</p> <p>Product information Board dimensions: 21mm x 600mm x 1200mm Edge profile: Tongue and groove Weight: 7.45kg/m² / 15.55kg per board</p> 	<p>YELOfon[®] ES5/60</p> <p>Polyethylene foam flanking strip: 5mm x 60mm x 50m installed around the perimeter of the flooring board to isolate floor from walls and skirting.</p>	<p>Ceiling boards must not penetrate or touch the floor joists 16mm (min) metal resilient bars mounted at right angles to the joist at 400mm centres.</p> <p>Ceiling treatment Two layers of gypsum-based board, composed of 15mm (nominal 12.5kg/m²) fixed with 25mm screws and a second layer of 15mm (nominal 12.5kg/m²) fixed with 42mm screws, with all joists staggered.</p>  <p>Construction note Services must not puncture ceiling linings (except cables, which should be sealed with flexible sealant).</p>

Construction notes
Materials must be installed in accordance with manufacturers' instructions to achieve stated acoustic values. Wall treatments **MUST** be isolated from the floating floor with **YELOfon flanking strip**. Ensure services do not come into contact with the floor treatment.